Project Title: MicroRNA-190 and Oxidative Stress in Arsenic carcinogenesis
PI: Chen, Fei
Institution: Wayne State University
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Publication Title	Authors	Journal (Pub	Volume/Page	PubMed Li
i ubileation Title	1 tatilot 5	date)	v oranic/1 age	T ubivicu Eli
Arsenic-induced sub-lethal stress reprograms human bronchial epithelial cells to CD61 cancer stem c	Chang, Qingshan; Chen, Bailing; Thakur, Chitra; Lu, Yongju; Chen, Fei	Oncotarget	5 / 1290-303	PubMed Citat
Carcinogenic metalloid arsenic induces expression of mdig oncogene through JNK and STAT3 activation.	Sun, Jiaying; Yu, Miaomiao; Lu, Yongju; Thakur, Chitra; Chen, Bailing; Qiu, Ping; Zhao, Hongwen; Chen, Fei	Cancer Lett (2014 May 1)	346 / 257-63	PubMed Citat
Current understanding of mdig/MINA in human cancers.	Thakur, Chitra; Chen, Fei	Genes Cancer (2015 Jul)	6 / 288-302	PubMed Citat
Filamin A phosphorylation by Akt promotes cell migration in response to arsenic.	Li, Lingzhi; Lu, Yongju; Stemmer, Paul M; Chen, Fei	Oncotarget (2015 May 20)	6 / 12009-19	PubMed Citat
Gefitinib resistance resulted from STAT3-mediated Akt activation in lung cancer cells.	Wu, Kai; Chang, Qingshan; Lu, Yongju; Qiu, Ping; Chen, Bailing; Thakur, Chitra; Sun, Jiaying; Li, Lingzhi; Kowluru, Anjaneyulu; Chen, Fei	Oncotarget (2013 Dec)	4 / 2430-8	PubMed Citat
Increased expression of mdig predicts poorer survival of the breast cancer patients.	Thakur, Chitra; Lu, Yongju; Sun, Jiaying; Yu, Miaomiao; Chen, Bailing; Chen, Fei	Gene (2014 Feb 10)	535 / 218-24	PubMed Citat
JNK and STAT3 signaling pathways converge on Akt-mediated phosphorylation of EZH2 in bronchial epith	Chen, Bailing; Liu, Jia; Chang, Qingshan; Beezhold, Kevin; Lu, Yongju; Chen, Fei	Cell Cycle (2013 Jan 1)	12 / 112-21	PubMed Citat
JNK-induced apoptosis, compensatory growth, and cancer stem cells.	Chen, Fei	Cancer Res (2012 Jan 15)	72 / 379-86	PubMed Citat
Oncoprotein mdig contributes to silica-induced pulmonary fibrosis by altering balance between Th17 a	Thakur, Chitra; Wolfarth, Michael; Sun, Jiaying; Zhang, Yadong; Lu, Yongju; Battelli, Lori; Porter, Dale W; Chen, Fei	Oncotarget (2015 Feb 28)	6 / 3722-36	PubMed Citat

Oxidative stress, epigenetics, and cancer stem cells in arsenic carcinogenesis and prevention.	Li, Lingzhi; Chen, Fei	Curr Pharmacol Rep (2016 Apr)	2 / 57-63	PubMed Citat
Paradoxical roles of mineral dust induced gene on cell proliferation and migration/invasion.	Yu, Miaomiao; Sun, Jiaying; Thakur, Chitra; Chen, Bailing; Lu, Yongju; Zhao, Hongwen; Chen, Fei	PLoS One (2014)	9 / e87998	PubMed Citat
Proteomic Characterization of the World Trade Center dust-activated mdig and c-myc signaling circuit	Wu, Kai; Li, Lingzhi; Thakur, Chitra; Lu, Yongju; Zhang, Xiangmin; Yi, Zhengping; Chen, Fei	Sci Rep (2016 Nov 11)	6 / 36305	PubMed Citat
Reactive oxygen species contribute to arsenic-induced EZH2 phosphorylation in human bronchial epithe	Li, Lingzhi; Qiu, Ping; Chen, Bailing; Lu, Yongju; Wu, Kai; Thakur, Chitra; Chang, Qingshan; Sun, Jiaying; Chen, Fei	Toxicol Appl Pharmacol (2014 May 1)	276 / 165-70	PubMed Citat
The proteomic investigation reveals interaction of mdig protein with the machinery of DNA double-str	Wang, Wei; Lu, Yongju; Stemmer, Paul M; Zhang, Xiangmin; Bi, Yongyi; Yi, Zhengping; Chen, Fei	Oncotarget (2015 Sep 29)	6 / 28269-81	PubMed Citat
The two faces of protein palmitoylation in islet *-cell function: potential implications in the path	Mohammed, Abiy M; Chen, Fei; Kowluru, Anjaneyulu	Recent Pat Endocr Metab Immune Drug Discov (2013 Sep)	7 / 203-12	PubMed Citat
Zinc- and bicarbonate-dependent ZIP8 transporter mediates selenite uptake.	McDermott, Joseph R; Geng, Xiangrong; Jiang, Lan; Gálvez-Peralta, Marina; Chen, Fei; Nebert, Daniel W; Liu, Zijuan	Oncotarget (2016 Jun 07)	7 / 35327-40	PubMed Citat